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on June 16, 2008

TOWNSEND and TOWNSEND and CREW LLP

By: 
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PATENT

Attorney Docket No.: 020054-003610US
Client Ref. No.: AVC 72

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jonathan David GARMAN et al.

Application No.: 10/684,796

Filed: October 14, 2003

For: MODULATION OF SIGNAL
TRANSDUCTION PATHWAYS

Customer No.: 20350

Confirmation No. 4233

Examiner: Zachary C. Howard

Technology Center/Art Unit: 1646

**AMENDMENT / RESPONSE TO
OFFICE ACTION**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Non-Compliant Amendment mailed May 15, 2008,
and the Office Action mailed July 13, 2007, please enter the following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3
of this paper.

Remarks/Arguments begin on page 6 of this paper.